

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 222 AND THE SOUTH ENTRANCE TO PERRYVILLE HIGH SCHOOL/ST. MARKS CHURCH ROAD IN CECIL COUNTY. MD 222 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

CONTROLLER OPERATION

THE EXISTING EIGHT-PHASE, FULLY ACTUATED NEMA CONTROLLER HOUSED IN A POLE MOUNTED CABINET WILL BE USED. THE INTERSECTION OPERATION WILL NOT CHANGE.



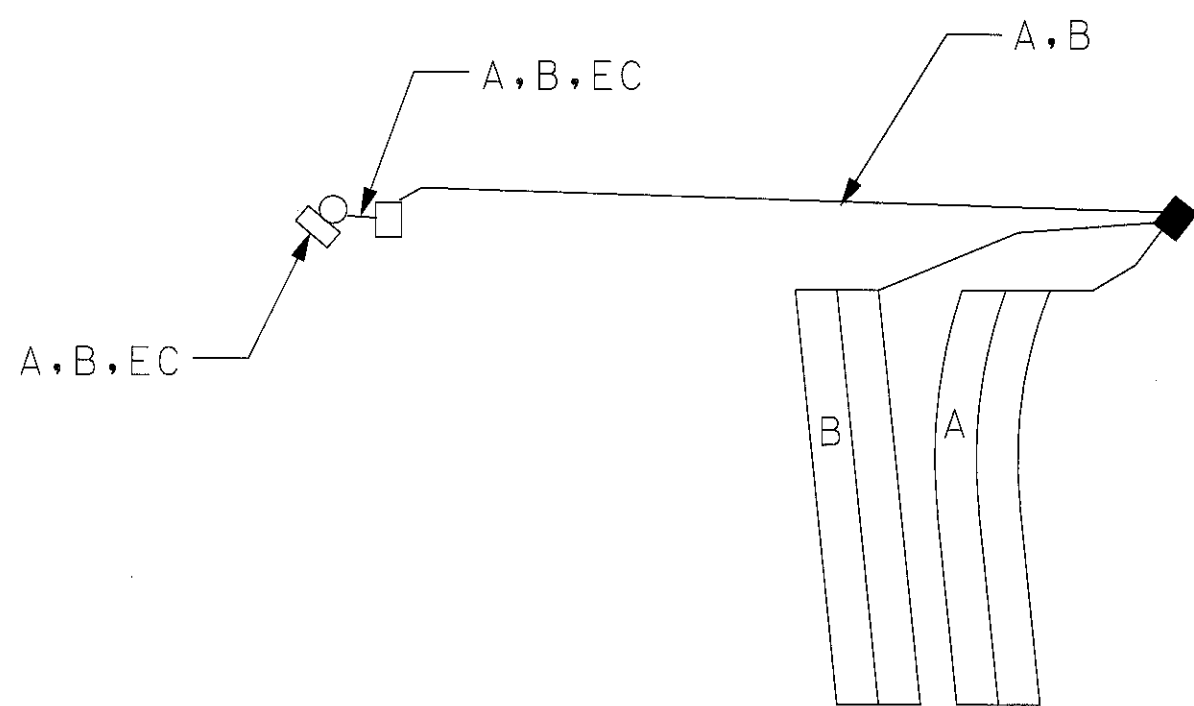
NO PHASING CHANGE

EQUIPMENT LIST "B" CONTINUED

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	LS	MAINTENANCE OF TRAFFIC
5004	250 LF	FURNISH AND INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
5005	30 LF	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
5008	225 LF	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS
8052	60 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
8068	15 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
8072	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8081	160 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR (ALUMINUM SHIELDED)
8087	870 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
8088	230 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL LOOP DETECTOR

WIRING DIAGRAM



WIRING KEY

A-B 2-CONDUCTOR ELECTRICAL CABLE
ALUMINUM SHIELDED (NO. 14 A.W.G.)
EC EXISTING CABLE

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY SHA AND INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 222 AND SOUTH ENTRANCE TO PERRYVILLE
HIGH SCHOOL/ST. MARKS CHURCH ROAD

DRAWN BY: M. HOWELL	F.A.P. NO.	TS NO.	SHEET NO. 2 OF 2
CHECKED BY: T. ZAYDEL	S.H.A. NO.	3347 B	
SCALE: NONE	COUNTY: CECIL	T.I.M.S. NO. E943	
DATE: 10-23-02	LOG MILE: 07022200.96		